

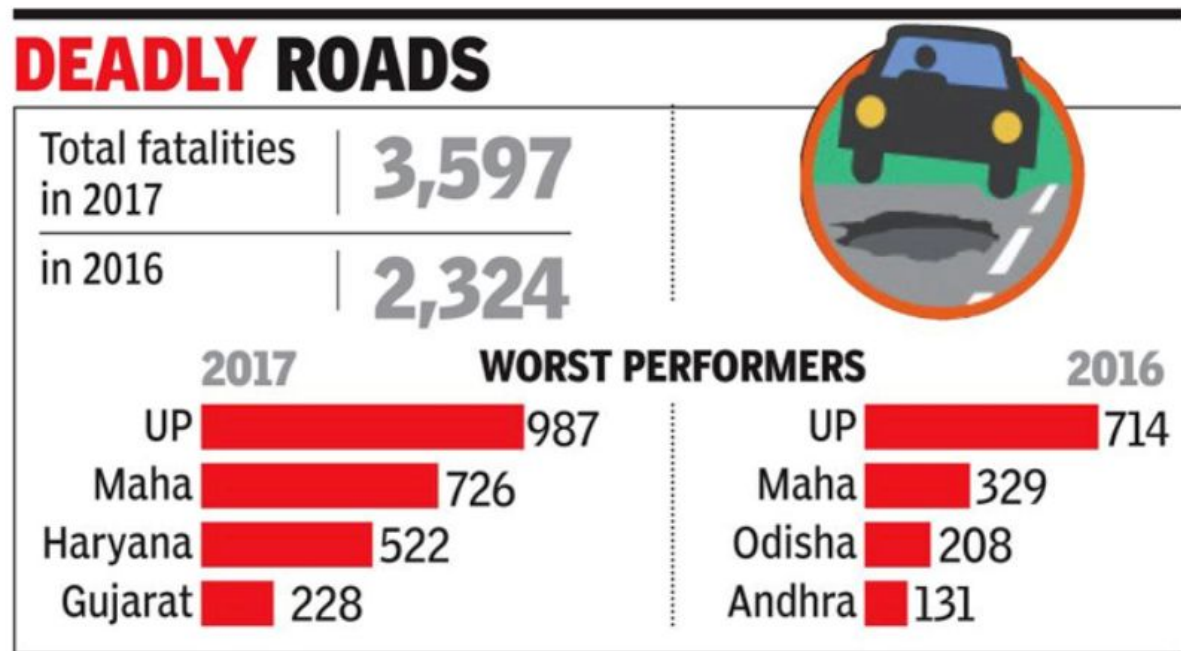
POTHOLE DETECTOR

OBJECTIVE:

To Detect the Pothole and use an IOT platform to map it on the Google Map

Motivation For the Project

- According to the recent statistics by TOI death due to potholes is around 3597 across India in 2017 alone i.e... around 10 deaths per day whereas the death due to terror activities is around 803.



COMPONENTS USED

- Aurdino- To send the data received from the sensors serially to Raspberry Pi 3.
- Gyroscope- To compare the position of the wheel of a vehicle.
- UV Sensor- To differentiate between potholes and speed-breakers and also to differentiate between major and minor potholes that cannot be recognized by the above sensor.

Basic Block Diagram

